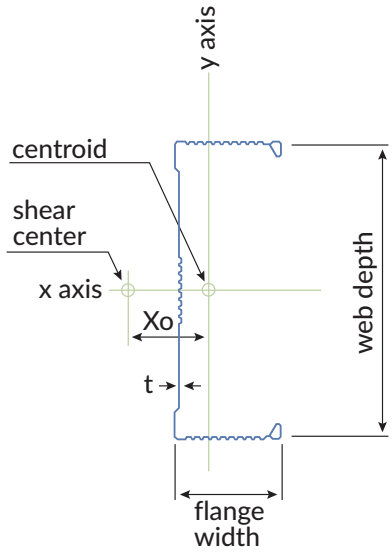
PROJECT SUBMITTAL SHEET

FOR MORE INFORMATION OR QUESTIONS,
PLEASE CONTACT THE TECHNICAL DEPARTMENT:
SUPER STUD: TECHNICAL@BUYSUPERSTUD.COM

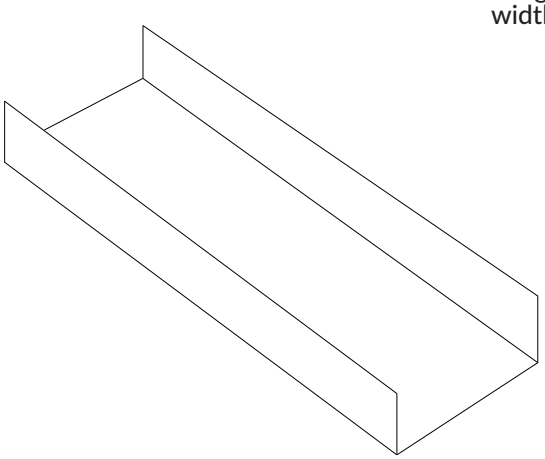
400T200-15 (Standard Punch)

Product Line: 400EDT200-15 - The Edge™ 25
Coating: G40 (standard), G60 (special order)
Specification Section: 09.22.16 (Non-Structural Metal Framing)



GEOMETRIC PROPERTIES			
Web Depth	4 in.	Design Thickness	0.0150 in.
Flange Width	2 in.	Min. Design Thickness	0.0149 in.
Yield Strength, Fy	50 ksi		

GROSS PROPERTIES		
Area (in²)	Total cross-sectional steel area	0.1232
Weight (lb/ft)	Linear weight per foot	0.419
Ix (in⁴)	Moment of inertia about the x-axis	0.3424
Sx (in³)	Section modulus about the x-axis	0.1663
Rx (in)	Radius of gyration about the x-axis	1.667
Iy (in⁴)	Moment of inertia about the y-axis	0.0507
Ry (in)	Radius of gyration about the y-axis	0.6416
h/t	Depth-to-thickness ratio	255
EFFECTIVE PROPERTIES		
Area (in²)	Effective area	0.0211
Ixe (in³)	Effective moment of inertia (x-axis)	0.1287
Sxe (in³)	Effective section modulus (x-axis)	0.0404
Ma (in-k)	Allowable moment capacity	0.8090
Vy (lb)	Allowable shear force in web	63
TORSIONAL PROPERTEIES		
J x 1000 (in⁴)	St. Venant torsional constant	0.0096
Cw (in⁶)	Warping constant	0.1486
Xo (in)	Distance from shear center to centroid	1.2390
Ro (in)	Polar radius of gyration	2.1738
Beta	Torsional Flexural Constant	0.6751



CODES AND STANDARDS:

Super Stud/EB Metal US *products comply with the applicable provisions of the following:*

- International Building Code (IBC): 2006 – 2024
- Complies with AISI S100-16 (2020) w/S2-20. Effective properties incorporate the strength increase from the cold work of forming
- Sheet steel: ASTM A1003/A1003M; ASTM A653/A653M
- Galvanized coating: ASTM A653/A653M or equivalent
- UL Designs: U419, V438, V489, V498, W433, W440
- Tested in accordance with ASTM E119; ANSI/UL 263
- Members and tolerances: ASTM C645; AISI S220, AISI S201, AISI S202
- Meets ASTM C754 when installed properly in structure

For LEED Letter requests please submit through: ebmetal.us. or buysuperstud.com

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